



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/811,192

DATE: 09/13/2004

TIME: 10:48:17

Input Set : A:\Seq.txt

Output Set: N:\CRF4\09132004\J811192.raw

3 <110> APPLICANT: Communi, Didier
 4 Boeynaems, Jean-Marie
 5 Pirotton, Sabine
 6 Parmentier, Marc
 8 <120> TITLE OF INVENTION: P2Y4 receptor transgenic and knockout non-human mammals
 10 <130> FILE REFERENCE: 9409/2113C
 12 <140> CURRENT APPLICATION NUMBER: 10/811,192
 13 <141> CURRENT FILING DATE: 2004-03-26
 15 <150> PRIOR APPLICATION NUMBER: 10/753,695
 16 <151> PRIOR FILING DATE: 2004-01-08
 18 <150> PRIOR APPLICATION NUMBER: 09/077,173
 19 <151> PRIOR FILING DATE: 1998-11-12
 21 <150> PRIOR APPLICATION NUMBER: PCT/BE96/00123
 22 <151> PRIOR FILING DATE: 1996-11-21
 24 <150> PRIOR APPLICATION NUMBER: EP 95870124.5
 25 <151> PRIOR FILING DATE: 1995-11-21
 27 <160> NUMBER OF SEQ ID NOS: 4
 29 <170> SOFTWARE: PatentIn version 3.1
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 1429
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Homo sapiens
 36 <400> SEQUENCE: 1

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41	gggggtgggc	agggaaatcc	tgccaccctc	acttctcccc	ttcccatctc	caggggggcc	180
43	atggccagta	cagagtccctc	cctgttgaga	tcccttaggcc	tcagcccagg	tcctggcagc	240
45	agtgaggtgg	agctggactg	ttggttttagt	gaggattca	agttcatctt	gtctgcgttg	300
47	agctatgcag	ttgtctttgt	gctgggcttg	ggccttaacg	ccccaacctt	atggctcttc	360
49	atcttccgc	tccgaccctg	ggatgcaacg	gccacctaca	tgttccacct	ggcattgtca	420
51	gacaccttgt	atgtgtgtc	gctgcccacc	ctcatctact	attatgcagc	ccacaaccac	480
53	tggcccttgc	gcactgagat	ctgcaagttc	gtccgccttc	ttttcttattt	gaacctctac	540
55	tgca	gttgcacccat	ctgcacccat	gtgcacccat	acctgggcat	ctgccaccca	600
57	tttcgggcac	tacgctgggg	ccgcctctgc	ctcgccaggcc	ttctctgcct	ggcagtttgg	660
59	ttggtcgttag	ccggctgcct	cgtgcccAAC	ctgttttttgc	tcacaaccag	caacaaaggg	720
61	accaccgtcc	tgtgccatga	caccactcg	cctgaagagt	ttgaccacta	tgtgcacttc	780
63	agctcgccgg	tcatggggct	gtctttggc	gtgcacccat	ttggtcactct	tggttgcata	840
65	ggactcatgg	ctcgatcgct	gtatcagccc	ttgcccaggct	ctgcacagtc	gtcttcgc	900
67	ctccgccttc	tccgcaccat	agctgtgggt	ctgactgtct	ttgctgtctg	cttcgtgcct	960
69	ttcccacatca	cccgccaccat	ttactacctg	gccaggctgt	ttgaagctga	ctgcccagta	1020
71	ctgaacatttgc	tcaacgtgtt	ctataaaagtgc	actcgcccc	ttggccaggctgc	caacagctgc	1080
73	ctggatcctg	tgctctactt	gtcaactggg	gacaaataatc	gacgtcagct	ccgtcagctc	1140
75	tgtgggtgg	gcaagccca	gccccgcacg	gtgccttctt	ccctggca	agtgtccctg	1200

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77 cctgaggata gcagctgcag gtggcggcc accccccagg acagtagctg ctctactcct 1260
 79 agggcagata gattgtaca cgggaagccg gcaagtgaga gaaaagggga tgaatgcagg 1320
 81 gcagaggtga gggaaaccaa tagtataacc tggtaaagggtg cttcttcctc tttccaggc 1380
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 88 <212> TYPE: PRT
 89 <213> ORGANISM: Homo sapiens
 91 <400> SEQUENCE: 2
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 98 20 25 30
 101 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
 102 35 40 45
 105 Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
 106 50 55 60
 109 Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
 110 65 70 75 80
 113 Asp Thr Leu Tyr Val Leu Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala
 114 85 90 95
 117 Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg
 118 100 105 110
 121 Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys
 122 115 120 125
 125 Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu
 126 130 135 140
 129 Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp
 130 145 150 155 160
 133 Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr
 134 165 170 175
 137 Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu
 138 180 185 190
 141 Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu
 142 195 200 205
 145 Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala
 146 210 215 220
 149 Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg
 150 225 230 235 240
 153 Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val
 154 245 250 255
 157 Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg
 158 260 265 270
 161 Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr
 162 275 280 285
 165 Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val
 166 290 295 300
 169 Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
 170 305 310 315 320

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173 Cys Gly Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala
174 325 330 335
177 Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro
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181 Gln Asp Ser Ser Cys Ser Thr Pro Arg Ala Asp Arg Leu
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186 <211> LENGTH: 35
187 <212> TYPE: DNA
188 <213> ORGANISM: artificial sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Primer for the second transmembrane region of human
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192 ceptor
194 <400> SEQUENCE: 3
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198 <210> SEQ ID NO: 4
199 <211> LENGTH: 35
200 <212> TYPE: DNA
201 <213> ORGANISM: artificial sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: primer for seventh transmembrane region of human pyrimidine
recep
205 tor
207 <400> SEQUENCE: 4
208 tcttaagctt ggagtcacgt acgagcaagc tagtt 35

VERIFICATION SUMMARY

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